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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/209,125

DATE: 12/22/1998  
TIME: 14:59:00

Input Set: I209125.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

*new format***ENTERED**

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1  <110> APPLICANT: Jayashree Aiyar
2      Claudia Ann Iannotti
3      Edward Philip Christian
4      Naomi Jean Logsdon
5  <120> TITLE OF INVENTION: HUMAN BRAIN-DERIVED TISSUE-SPECIFIC
6      POTASSIUM CHANNEL
7  <130> FILE REFERENCE: PHM.70293
8  <140> CURRENT APPLICATION NUMBER: US/09/209,125
9  <141> CURRENT FILING DATE: 1998-12-10
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93	cagtactacg	agcgaacggt	caccgtgccc	atgtacagtt	cgcaaaactca	aacctacggg	1140
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128     35 40 45
129     Lys Arg Gly Ser Ile Leu Ser Lys Pro Arg Ala Gly Gly Ala Gly Ala
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135     Ala Tyr Val Phe Leu Leu Val Phe Ser Cys Leu Val Leu Ser Val Phe
136     100 105 110
137     Ser Thr Ile Lys Glu Tyr Glu Lys Ser Ser Glu Gly Ala Leu Tyr Ile
138     115 120 125
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140     130 135 140
141     Ile Trp Ala Ala Gly Cys Cys Cys Arg Tyr Arg Gly Trp Arg Gly Arg
142     145 150 155 160
143     Leu Lys Phe Ala Arg Lys Pro Phe Cys Val Ile Asp Ile Met Val Leu
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148			195					200					205			
149	Ile	Arg	Met	Asp	Arg	Arg	Gly	Gly	Thr	Trp	Lys	Leu	Leu	Gly	Ser	Val
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151	Val	Tyr	Ala	His	Ser	Lys	Glu	Leu	Val	Thr	Ala	Trp	Tyr	Ile	Gly	Phe
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162	305				310					315						320
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164				325					330					335		
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166			340					345					350			
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168		355					360					365				
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176			420					425					430			
177	Ala	Ala	Lys	Gly	Lys	Gly	Ser	Pro	Gln	Ala	Gln	Thr	Val	Arg	Arg	Ser
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180		450				455					460					
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183	Lys	Gly	Ala	Ala	Ser	Arg	Gln	Asn	Ser	Glu	Glu	Ala	Ser	Leu	Pro	Gly
184				485					490					495		
185	Glu	Asp	Ile	Val	Asp	Asp	Lys	Ser	Cys	Pro	Cys	Glu	Phe	Val	Thr	Glu
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187	Asp	Leu	Thr	Pro	Gly	Leu	Lys	Val	Ser	Ile	Arg	Ala	Val	Cys	Val	Met
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200                      610                      615                      620
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205      Asp Ser Arg Glu His Val Asp Arg His Gly Cys Ile Val Lys Ile Val
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208                      675                      680                      685
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210                      690                      695                      700
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212      705                      710                      715                      720
213      Leu Val Arg Ile Pro Pro Pro Pro Ala His Glu Arg Ser Leu Ser Ala
214                      725                      730                      735
215      Tyr Gly Gly Gly Asn Arg Ala Ser Met Glu Phe Leu Arg Gln Glu Asp
216                      740                      745                      750
217      Thr Pro Gly Cys Arg Pro Pro Glu Gly Thr Leu Arg Asp Ser Asp Thr
218                      755                      760                      765
219      Ser Ile Ser Ile Pro Ser Val Asp His Glu Glu Leu Glu Arg Ser Phe
220      770                      775                      780
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222      785                      790                      795                      800
223      Ser Cys Tyr Ala Ala Val Ala Pro Cys Ala Lys Val Arg Pro Tyr Ile
224                      805                      810                      815
225      Ala Glu Gly Glu Ser Asp Thr Asp Ser Asp Leu Cys Thr Pro Cys Gly
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231 &lt;210&gt; SEQ ID NO 4

232 &lt;211&gt; LENGTH: 1425

233 &lt;212&gt; TYPE: DNA

234 &lt;213&gt; ORGANISM: Homo sapiens

235 &lt;400&gt; SEQUENCE: 4

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VERIFICATION SUMMARY  
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